



U.S. Department  
of Homeland Security

United States  
Coast Guard

## LOCAL NOTICE TO MARINERS WEEKLY EDITION

**District: 13**

**Week: 30/04**

Boating Safety Classes or Information: 1-800-336-BOAT (2628)

ISSUED BY: COMMANDER, THIRTEENTH COAST GUARD DISTRICT (oan)  
915 Second Avenue, Seattle, Washington 98174-1067  
Telephone (206) 220-7280 FAX # (206) 220-7265  
Email: D13LNM@pacnorwest.uscg.mil  
<http://www.navcen.uscg.gov/lnm/d13/>

LIGHT LIST REFERENCE: COMDTPUB P16502.6, Light List Volume VI, 2004 Edition

### UNITED STATES COAST GUARD NAVIGATION INFORMATION SERVICE (NIS)

The United States Coast Guard Navigation Information Service (NIS), operated by the USCG Navigation Center, is staffed 24 hours a day, 7 days a week. The NIS provides information on the current operational status, effective policies, and general information for GPS, DGPS, and LORAN-C. The NIS also disseminates Safety Broadcasts (BNM), Local Notice to Mariners (LNM), and the latest Notice Advisory to Navstar Users (NANU). NANU notices can also be obtained via e-mail subscription through the USCG Navigation Center website

<http://www.navcen.uscg.gov/gps/status/default.htm>.

In addition, the NIS investigates all reports of degradation or loss of GPS, DGPS or LORAN service. Mariners are encouraged to report all degradation of radio navigation services to the NIS via any of the following: Phone: 703-313-5900, Email: [webmaster@navcen.uscg.mil](mailto:webmaster@navcen.uscg.mil) or on the World Wide Web at: <http://www.navcen.uscg.gov>.

### BROADCAST NOTICE TO MARINERS

This section contains a range of all the significant Broadcast Notice to Mariners (BNM's) on the date of this edition.

| <u>Originating Unit</u> | <u>Beginning BNM</u> | <u>Ending BNM</u> |
|-------------------------|----------------------|-------------------|
| CGD THIRTEEN            | D13-0783-04          | D13-0818-04       |

### ABBREVIATIONS

ACOE - Army Corps of Engineers  
ADRIFT - Buoy Adrift  
AICW - Atlantic Intracoastal Waterway  
B - Buoy  
BKW - Breakwater  
B - Refer to Light List  
BNM - Broadcast Notice to Mariner  
CG - Refer to Light List  
CHAN - Channel  
CGD - Coast Guard District  
CR - Refer to Light List  
C/O - Cut Off  
CONT - Contour  
CONSTR - Construction  
CRK - Creek  
CONST - Construction  
DBN - Daybeacon  
DBD/DAYBD - Dayboard  
DBN/DEST - Daybeacon Destroyed  
DBN IMCH - Daybeacon Improper Characteristic  
DISCON - Discontinued  
DMGD - Daybeacon Damaged

EST - Established Aid  
EVAL - Evaluation  
EXT - Extinguished  
FL - Flashing  
F/S - Fog Signal  
HAZ - Hazard to Navigation  
HBR - Harbor  
HOR - Horizontal Clearance  
HT - Height  
ICW - Intracoastal Waterway  
IMPCHA - Improper Characteristics  
INL - Inlet  
INOP - Not Operating  
ISL - Islet  
KBG - Refer to Light List  
KBG-I - Refer to Light List  
KBR - Refer to Light List  
KBR-I - Refer to Light List  
KBW - Refer to Light List  
KGB - Refer to Light List  
KGB-I - Refer to Light List  
KGR - Refer to Light List  
KGR-I - Refer to Light List

KGW - Refer to Light List  
KGW-I - Refer to Light List  
KRB - Refer to Light List  
KRB-I - Refer to Light List  
KRG - Refer to Light List  
KRG-I - Refer to Light List  
KRW - Refer to Light List  
KWB - Refer to Light List  
KWB-I - Refer to Light List  
KWG - Refer to Light List  
KWG-I - Refer to Light List  
KWR - Refer to Light List  
KWR-I - Refer to Light List  
LAT - Latitude  
LB - Lighted Buoy  
LBB - Lighted Bell Buoy  
LHB - Lighted Horn Buoy  
LGB - Lighted Gong Buoy  
LONG - Longitude  
LNM - Local Notice to Mariners  
LT - Light  
LT CONT - Light Continuous  
LWB - Lighted Whistle Buoy

MISS - Missing  
MR - Refer to Light List  
MR-I - Refer to Light List  
N/A - Not Available  
NB - Refer to Light List  
N/C - Not Charted  
ND - Refer to Light List  
NG - Refer to Light List  
NIMA - National Imagery and Mapping Agency  
NL - Refer to Light List  
NO - Number  
NOS - National Ocean Service  
NR - Refer to Light List  
NW - Refer to Light List  
NW - Notice Writer  
NY - Refer to Light List

OBSCU - Obscured  
OBST - Obstruction  
OBSTR - Obstruction  
PRIV - Private Aid  
RBN - Radio Beacon  
REBUILT - Aid Rebuilt  
RECOVERED - Aid Recovered  
RED - Red Buoy  
REDINT - Reduced Intensity  
RRL - Range Rear Light  
RELIGHTED - Aid Relighted  
RELOC - Relocated  
RESET ON STATION - Aid Reset on Station  
RFL - Range Front Light  
RIV - River  
SEC - Section

SG - Green Square on pile  
SG-SY - Green Square with Yellow Square on pile  
SHL - Shoaling  
SND - Sound  
STM - Statue Mile  
TEMP - Temporary Aid Change  
TR - Red Triangle on pile  
TRLB - Temporarily Replaced by Lighted Buoy  
TRLT - Temporarily Replaced by Light  
TR-TY - Red Triangle with Yellow Triangle on pile  
TRUB - Temporarily Replaced by Unlighted Buoy

**Additional Abbreviations Specific to this LNM Edition:**

LED - Light Emitting Diode

LWP - Light Watching Properly

CPA - Point of Closest Approach

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## SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

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### WASHINGTON - STRAIT OF JUAN DE FUCA - Puget Sound Vessel Traffic Services Measure Salmon / Halibut Fisheries

Fishing activity is being conducted in the Strait of Juan De Fuca until approximately 15 Aug 04. To ensure the safety of all vessels operating in this area the U.S. Coast Guard has issued a VTS Measure that directs all inbound vessels using the Traffic Scheme to divert their course when reaching 124-48W to transit south of the inbound traffic lane and follow the recommended eastbound route. Vessels will be instructed by the appropriate Traffic Center, "Tofino Traffic" or "Seattle Traffic", when to make course alterations to avoid this fishing activity, and when to return to the Traffic Separation Scheme. Vessels must contact the appropriate VTS Center via VHF/FM radio for permission to overtake other vessels while transiting through this area. For additional information, contact Vessel Traffic Services, Puget Sound at (206) 217-6051.

Charts 18480,18460

LNM: 29/04

### WASHINGTON - STRAIT OF JUAN DE FUCA - Puget Sound Vessel Traffic Services Measure (33CFR161.11)

In support of the Cooperative Vessel Traffic Services (CVTS) Agreement all vessels over 300GT inbound for the U.S. via the Strait of Juan De Fuca are required to submit a 24 hour CVTS offshore advancement report. Follow the IMO Standard Ship Reporting system (Resolution A.648 (16), MSC/WP6). Submit the report using the methods below.

- Via e-mail, [rmic-pacific@pac.dfo-mpo.gc.ca](mailto:rmic-pacific@pac.dfo-mpo.gc.ca)<<mailto:rmic-pacific@pac.dfo-mpo.gc.ca>>
- Via INMARSAT telex 04352586 "CGTC VAS VCR"
- Via any Canadian Coast Guard MCTS Centre, free of charge
- Or directly to CVTS Offshore by FAX: 604-666-8453

For additional information, contact Vessel Traffic Services, Puget Sound at (206) 217-6051.

Chart N/A

LNM: 29/04

### WASHINGTON - OFF SHORE - Research Buoys

The Scripps Institution of Oceanography has deployed bottom mounted buoys within 6 fathoms of the bottom at positions 47-21-47.8N 124-45-23.2W and 47-26-53.6N 125-08-18.5W. The buoys will be recovered by 10 Oct 04 with the moors remaining on site. For additional information, contact Scripps Institution of Oceanography at (858) 534-6937.

Chart 18500

LNM: 28/04

### THIRTEENTH COAST GUARD DISTRICT - 2004 Special Local Notice to Mariners

U.S. Coast Guard District 13 has Published the 2004 Special Local Notice to Mariners. The Special Local Notice to Mariners is available for down load from the web at <http://www.uscg.mil/d13/oan/slnm2004.pdf> or <http://www.navcen.uscg.gov/lnm/d13/slnm2004.pdf>. A limited number of Special Local Notice to Mariners are available for mailing by calling (206) 220-7270.

Chart N/A

LNM: 27/04

### WASHINGTON - PORT ANGLES - Construction

Kiewit General Construction is performing work at the east side of Nipon Paper Mill at the Port Angles Graving Docks involving a floating crane and barge from 12 Jul to 03 Sep 04. The floating crane and barge will be moored with anchor lines and buoys with white lights attached. The floating crane will be monitoring VHF-FM Channels 14 and 16. Mariners are requested to use caution in the vicinity of the construction. For additional information, contact Kiewit General Construction at (360) 565-2718.

Chart 18468

LNM: 26/04

### WASHINGTON - PUGET SOUND - Geoduck Harvesting

Geoduck harvesting will be conducted in the area of Freshwater Bay (west of Port Angles) Squamish Harbor and south of Hood Head (both on the west side of the Hood Canal Bridge) and at Lofall (on the south east side of the Hood Canal Bridge) from 22 Jun to 08 Oct 04. These operations will take place from 0800 until 1600 local, Monday through Friday, excluding state holidays. The Department of Natural Resources patrol boat will be onsite and monitoring VHF-FM Channel 8. Vessels transiting the area are requested to stay 300ft clear of divers. For additional information, contact Washington Department of Natural Resources at (360) 902-1100.

Chart 18465,18445

LNM: 26/04

## COLUMBIA RIVER - WILLAMETTE RIVER - Construction

Ecology and Environment, Inc will be constructing a 25 acre sediment cap at river mile 7 of the Willamette River outside the navigational channel from 01 Jul to 31 Oct 04. Multiple barges will be in the area throughout the construction period. Mariners are requested to use caution in the vicinity of the construction. For additional information, contact Oregon Department of Environmental Quality at (503) 229-6748.  
Chart 18526 LNM: 26/04

## COLUMBIA RIVER - OFF SHORE - Research Buoys

The Scripps Institution of Oceanography has deployed the following research buoys. Each buoy is yellow with a flashing yellow 4 second light (FL Y 4s).

Buoy RN 46-26-14.7N, 124-18-04.8W  
Buoy RC 46-10-01.4N, 124-11-43.4W  
Buoy RN 46-03-10.7N, 124-06-01.6W

Charts 18500, 18520

LNM: 26/04

## SECTION II - DISCREPANCIES

This section lists all reported and corrected discrepancies related to Aids to Navigation in this edition. A discrepancy is a change in the status of an aid to navigation that differs from what is published or charted.

### DISCREPANCIES (FEDERAL AIDS)

| LLNR  | Aid Name   | Status   | Chart No | BNM Ref.    | LNM St | LNM End |
|-------|--|--|----------|-------------|--------|---------|
| 8735  | Coos Bay Entrance Lighted Bell Buoy 1            | REDINT / 3NM TEMP LED                                    | 18587    | D13-0202-04 | 07/04  |         |
| 10235 | Pillar Rock Lower Range Front Light              | IMPCHA Focal plane 12ft lower<br>REDINT / 3NM TEMP LED   | 18523    | D13-0732-04 | 28/04  |         |
| 10485 | Westport Dike Light 60                           | REDINT / 3NM TEMP LED                                    | 18523    | D13-0680-04 | 26/04  |         |
| 11308 | Airport Bar Range Rear Light                     | EXT  | 18531    | D13-0808-04 | 30/04  |         |
| 11455 | Camas Slough Range Front Light                   | EXT  | 18531    | D13-0809-04 | 30/04  |         |
| 11530 | Washougal Lower Range Front Light                | IMPCHA / MISS center DBD                                 | 18531    | D13-0777-04 | 29/04  |         |
| 11795 | Cascade Rapids Lower Range Front Light 8         | EXT  | 18532    | D13-0816-04 | 30/04  |         |
| 11960 | Hood River Breakwater Light                      | EXT  | 18532    | D13-0817-04 | 30/04  |         |
| 15180 | Willapa Bay Entrance Buoy B                      | MISS   | 18504    | D13-0744-04 | 28/04  |         |
| 16075 | Quillayute River Approach Lighted Whistle Buoy Q | REDINT / 3NM TEMP LED                                    | 18480    | D13-0883-03 | 30/03  |         |
| 17615 | Kilisut Harbor Daybeacon 8                       | Structure MISS / TRUB                                    | 18441    | D13-0710-03 | 25/03  |         |
| 19265 | Bellingham Breakwater Entrance Light 2           | Characteristics TEMP changed to FI R 2.5s 5NM / F/S INOP | 18421    | D13-0818-04 | 30/04  |         |
| 19935 | International Boundary Range C Front Light       | IMPCHA / DBD Faded and Peeling                           | 18421    | D13-1191-02 | 38/02  |         |

### DISCREPANCIES (FEDERAL AIDS) CORRECTED

| LLNR | Aid Name                                 | Status | Chart No | BNM Ref.    | LNM St | LNM End |
|------|--|--------|----------|-------------|--------|---------|
| 8755 | Coos Bay North Jetty Lighted Gong Buoy 3 | LWP    | 18587    | D13-0786-04 | 06/04  | 30/04   |
| 8775 | Coos Bay Channel Lighted Bell Buoy 5     | LWP    | 18587    | D13-0785-04 | 10/04  | 30/04   |

### DISCREPANCIES (PRIVATE AIDS)

| LLNR | Aid Name                         | Status | Chart No | BNM Ref.    | LNM St | LNM End |
|------|----------------------------------|--------|----------|-------------|--------|---------|
| 9185 | North Slough Channel Daybeacon 4 | IMPCHA | 18587    | D13-0478-04 | 18/04  |         |
| 9190 | North Slough Channel Daybeacon 8 | IMPCHA | 18587    | D13-1144-02 | 36/02  |         |
| 9195 | Haynes Inlet Channel Daybeacon 1 | IMPCHA | 18587    | D13-0479-04 | 18/04  |         |

|          |   |       |       |             |       |
|----------|---|-------|-------|-------------|-------|
| 9205     | Haynes Inlet Channel<br>Daybeacon 5       | IMPCA | 18587 | D13-0480-04 | 18/04 |
| 9210     | Haynes Inlet Channel<br>Daybeacon 7       | IMPCA | 18587 | D13-0481-04 | 18/04 |
| 11498    | Chinook Landing Marine<br>Park Light 2    | EXT   | 18531 | D13-0798-04 | 30/04 |
| 12930.6  | Lower Middle Channel Approach<br>Buoy E   | MISS  | 18542 | D13-0800-04 | 30/04 |
| 12930.7  | Lower Middle Channel Approach<br>Buoy F   | MISS  | 18542 | D13-0801-04 | 30/04 |
| 12930.91 | Lower Middle Channel Approach<br>Buoy H   | MISS  | 18542 | D13-0802-04 | 30/04 |
| 12930.92 | Lower Middle Channel Approach<br>Buoy 5   | MISS  | 18542 | D13-0803-04 | 30/04 |
| 17158    | Tacoma Outfall Lighted Buoy               | EXT   | 18448 | D13-0774-04 | 29/04 |
| 18017    | Bainbridge Island Boat Yard<br>Lights (2) | EXT   | 18441 | D13-0740-04 | 28/04 |
| 19755    | Pearl Island Dock Light                   | EXT   | 18421 | D13-0448-04 | 18/04 |

#### DISCREPANCIES (PRIVATE AIDS) CORRECTED

| LLNR  | Aid Name                       | Status  | Chart No | BNM Ref.    | LNM St | LNM End |
|-------|--------------------------------|---------|----------|-------------|--------|---------|
| 16720 | Edmonds Fishing Reef Buoys (2) | LWP     | 18441    | D13-0815-04 | 26/04  | 30/04   |
| 17145 | Blair Waterway Lighted Buoy    | DISCONT | 18448    | D13-N/A     | 18/04  | 30/04   |

### SECTION III – TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

This section contains temporary changes and corrections to Aids to Navigation for this edition. When charted aids are temporarily relocated for dredging, testing, evaluation, or marking an obstruction, a temporary correction shall be listed in Section IV giving the new position.

#### TEMPORARY CHANGES

| LLNR  | Aid Name                     | Status      | Chart No | BNM Ref.    | LNM St | LNM End |
|-------|------------------------------|-------------|----------|-------------|--------|---------|
| 16856 | Coast Guard Pier Light North | TEMP DISCON | 18449    | D13-0729-03 | 26/03  |         |
| 16857 | Coast Guard Pier Light South | TEMP DISCON | 18449    | D13-0729-03 | 26/03  |         |

#### TEMPORARY CHANGES CORRECTED

| LLNR | Aid Name | Status | Chart No | BNM Ref. | LNM St | LNM End |
|------|----------|--------|----------|----------|--------|---------|
| None |          |        |          |          |        |         |

### SECTION IV – CHART CORRECTIONS

This section contains corrections to federally and privately maintained Aids to Navigation, as well as NOS corrections.

This section contains corrective actions affecting chart(s). Corrections appear numerically by chart number, and pertain to that chart only. It is up to the mariner to decide which Chart(s) are to be corrected. The following example explains the individual elements of a typical chart correction.

| Chart Number   | Chart Edition          | Edition Date                     | Last Local Notice to Mariners | Horizontal Datum Reference | Source of Correction | Current Local Notice to Mariner |
|--|------------------------|----------------------------------|-------------------------------|----------------------------|----------------------|---------------------------------|
| 18427  | 20 <sup>TH</sup> ed    | 3/18/2000                        | Last LNM 25/99                | NAD 83                     | (NOS Silver Spring)  | 40/99                           |
| <p>Chart Title: WA – ANACORTES TO SKAGIT BAY -<br/>(Temp) Add Ben Ure Island Light 2, FI R 4s, 25ft 4M at 48°24'12.1"N 124°37'42.0"W</p> |                        |                                  |                               |                            |                      |                                 |
|  | ↑<br>Corrective Action | ↑<br>Object of Correction Action |                               |                            |                      | ↑<br>Position                   |

(Temp) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true. Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles (NM) unless otherwise noted.

|   |                |   |                       |               |                         |              |
|---|----------------|---|-----------------------|---------------|-------------------------|--------------|
| <b>18581</b>  | <b>17th ed</b> | <b>Sep 2002</b>                                   | <b>Last LNM 46/03</b> | <b>NAD 83</b> | <b>(CCGD 13)</b>        | <b>30/04</b> |
| <i>Chart Title: OR - YAQUINA BAY AND RIVER</i>                |                |   |                       |               |                         |              |
|   | Relocate       | Yaquina River Light 17 (44-36-23.4N 124-00-37.0W) |                       |               | to 44-36-23.4N          | 124-00-37.7W |
|   |                |   |                       |               |                         |              |
| <b>18583</b>  | <b>38th ed</b> | <b>04 Nov 2000</b>                                | <b>Last LNM 41/03</b> | <b>NAD 83</b> | <b>(CCGD 13)</b>        | <b>30/04</b> |
| <i>Chart Title: OR - SIUSLAW RIVER</i>                        |                |   |                       |               |                         |              |
|   | Add            | Tabulation – Siuslaw River                        |                       |               | centered at 44-01-10.0N | 124-06-18.0W |
|   |                |   |                       |               |                         |              |
| <b>18584</b>  | <b>47th ed</b> | <b>25 Aug 2001</b>                                | <b>Last LNM 24/04</b> | <b>NAD 83</b> | <b>(CCGD 13)</b>        | <b>30/04</b> |
| <i>Chart Title: UMPQUA RIVER - PACIFIC OCEAN TO REEDSPORT</i> |                |   |                       |               |                         |              |
|   | Change         | Umpqua River Dike Light 23 nominal range to 4NM   |                       |               | at 43-44-32.1N          | 124-07-46.5W |
|   | Change         | Umpqua River Light 15 nominal range to 4NM        |                       |               | at 43-43-26.0N          | 124-09-45.5W |
|   | Change         | Smith River Light 2 nominal range to 3NM          |                       |               | at 43-42-23.4N          | 124-05-10.4W |
|   | Relocate       | Smith River Light 2 (43-42-26.0N 124-05-09.0W)    |                       |               | to 43-42-23.4N          | 124-05-10.4W |
|   |                |   |                       |               |                         |              |
| <b>18587</b>  | <b>69th ed</b> | <b>May 2004</b>                                   | <b>Last LNM 29/04</b> | <b>NAD 83</b> | <b>(CCGD 13)</b>        | <b>30/04</b> |
| <i>Chart Title: OR - COOS BAY</i>                             |                |   |                       |               |                         |              |
|   | Change         | South Slough Light 9 nominal range to 4NM         |                       |               | at 43-20-47.4N          | 124-19-09.0W |

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### OIL RIG MOVEMENT

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| Drill Rigs/Vessels Removed |                  |              |                    |              |             |               |
|----------------------------|------------------|--------------|--------------------|--------------|-------------|---------------|
| <u>Latitude</u>            | <u>Longitude</u> | <u>Block</u> | <u>Rigs/Vessel</u> | <u>Chart</u> | <u>Type</u> | <u>Status</u> |
| None                       |                  |              |                    |              |             |               |

  

| Drill Rigs/Vessels Established |                  |              |                    |              |             |               |
|--------------------------------|------------------|--------------|--------------------|--------------|-------------|---------------|
| <u>Latitude</u>                | <u>Longitude</u> | <u>Block</u> | <u>Rigs/Vessel</u> | <u>Chart</u> | <u>Type</u> | <u>Status</u> |
| None                           |                  |              |                    |              |             |               |

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### SECTION V - ADVANCE NOTICES

This section contains advance notice of approved projects, changes to aids to navigation, or upcoming temporary changes such as dredging, etc. Mariners are advised to use caution while transiting these areas.

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### SUMMARY OF ADVANCED APPROVED PROJECTS

|  |                                 |                               |
|--|---------------------------------|-------------------------------|
| <u>Waterway</u><br>Washington - Grays Harbor | <u>Project Date</u><br>Aug 2004 | <u>Ref. LNM</u><br>LNM: 25/04 |
|--|---------------------------------|-------------------------------|

The **daymark** on Grays Harbor Light (LLNR 720/15530) will be disestablished on or about August 2004. Grays Harbor Lighthouse and associated buildings will be transferred under the National Historic Lighthouse Preservation Act to the Westport Maritime Museum. The light itself will continue to be a federal aid to navigation.

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### SECTION VI - PROPOSED CHANGES

Periodically, the Coast Guard evaluates its system of aids to navigation to determine whether the conditions for which the aids to navigation were established have changed. When changes occur, the feasibility of improving, relocating, replacing, or discontinuing aids are considered. This section contains notice(s) of non-approved, proposed projects open for comment. SPECIAL NOTE: Mariners are requested to respond in writing to the District office Attn John Barberi (206) 220-7276 unless otherwise noted (see banner page for address).

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### PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

|   |                                |                   |                          |
|---|--------------------------------|-------------------|--------------------------|
| <u>Waterway</u><br>WASHINGTON – STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA | <u>Closing</u><br>03 Sept 2004 | <u>Docket No.</u> | <u>Ref. LNM</u><br>30/04 |
|---|--------------------------------|-------------------|--------------------------|

Navigation Aids: To accommodate a Light Emitting Diode (LED).

Rosario Strait Traffic Lane Lighted Buoy "C" (LLNR 19520). Discontinue the flashing yellow four second light (FL Y 4s) and install a 6NM yellow 2.5 second Light Emitting Diode (LED) lantern (FL Y 2.5s).

Rosario Strait Traffic Lane Separation Lighted Buoy "CA" (LLNR 19535). Discontinue the flashing yellow four second light (FL Y 4s) and install a 6NM yellow 2.5 second Light Emitting Diode (LED) lantern (FL Y 2.5s).

Strait of Juan De Fuca Traffic Lane Separation Lighted Buoy "J" (LLNR 16135/755). Discontinue the flashing yellow four second light (FL Y 4s) and install a 6NM yellow 2.5 second Light Emitting Diode (LED) lantern (FL Y 2.5s).

Strait of Juan De Fuca Traffic Lane Separation Lighted Buoy "PA" (LLNR 16222). Discontinue the flashing yellow four second light (FL Y 4s) and install a 6NM yellow 2.5 second Light Emitting Diode (LED) lantern (FL Y 2.5s).

Navigation Aids: To improve range performance.

Change Coos Bay Entrance Range Front and Rear Lights (LLNR 8740/8745) to nighttime operation. Additionally, to improve range performance, change visible 4 degrees each side of rangeline to visible 1.5 degrees each side of rangeline.

Change Coos Bay Inside Range "A" Front Light (LLNR 8785) from visible all around with higher intensity on rangeline to visible 10 degrees each side of rangeline.

Change Coos Bay Inside Range "A" Rear Light (LLNR 8790) from visible 15 degrees each side of rangeline to visible 14 degrees each side of rangeline.

Change Coos Bay Inside Range "B" Rear Light (LLNR 8810) from visible 4 degrees each side of rangeline to visible 5.5 degrees each side of rangeline.

Change Coos Bay Range "A" Rear Light (LLNR 8820) from visible 4 degrees each side of rangeline to visible 5.5 degrees each side of rangeline.

Change Empire Range "A" Front Light (LLNR 8855) and Empire Range "A" Rear Light (LLNR 8860) from visible 4 degrees each side of rangeline to visible 1.5 degrees each side of rangeline.

Change Empire Range "B" Front Light (LLNR 8865) and Empire Range "B" Rear Light (LLNR 8870) from visible 4 degrees each side of rangeline to visible 1.5 degrees each side of rangeline.

Change Jarvis Lower Range "B" Rear Light (LLNR 8930) from visible all around with higher intensity on rangeline to visible 4 degrees each side of rangeline. Additionally, change the color from white to red on Jarvis Lower Range "B" Front and Rear Lights (LLNR 8925/8930).

Change Jarvis Upper Range "A" Front and Rear Lights (LLNR 8945/8950) from visible all around with higher intensity on rangeline to visible 1.5 degrees each side of rangeline. Additionally, change the color of the range from green to red.

Change Jarvis Upper Range "B" Front and Rear Lights (LLNR 8960/8965) from visible 4 degrees each side of rangeline to visible 5.5 degrees each side of rangeline.

Change North Bend Lower Range Front and Rear Lights (LLNR 9010/9015) from visible all around with higher intensity on rangeline to visible 4 degrees each side of rangeline.

Change North Bend Range Front Light (LLNR 9020) from visible all around with higher intensity on rangeline to visible 4 degrees each side of rangeline.

Change North Bend Range Rear Light (LLNR 9025) from visible all around with higher intensity on rangeline to visible 5.5 degrees each side of rangeline.

Change North Bend Upper Range Front and Rear Lights (LLNR 9040/9045) from visible all around with higher intensity on rangeline to visible 4 degrees each side of rangeline.

Change Ferndale Upper Range Front Light (LLNR 9065) from visible all around with higher intensity on rangeline to visible 4 degrees each side of rangeline.

Change Marshfield Range Front and Rear Lights (LLNR 9075/9080) from visible all around to visible 4 degrees each side of rangeline.

Change Marshfield Channel Range Front Light (LLNR 9090) from visible all around to visible 4 degrees each side of rangeline.

Change Marshfield Channel Range Rear Light (LLNR 9095) from visible all around to visible 5.5 degrees each side of rangeline. Additionally, change the color from white to red.

Chart 18587

Navigation Aids: No longer considered necessary for safe navigation in the waterway.

Discontinue Multnomah Channel Light 6 (LLNR 14840).

Chart 18524

Navigation Aids: No longer considered necessary for safe navigation in the waterway.

Discontinue Yaquina River Light 19 (LLNR 9685).

Chart 18561

Waterway  
OREGON – UMPQUA RIVER

Closing  
30 July 2004

Docket No.

Ref. LNM  
LNM: 25/04

Navigation Aids: To better mark the waterway.

Change Umpqua River Channel Daybeacon 22 (LLNR 9340) to Umpqua River Light 22 (LLNR 9340), showing a flashing red light every four seconds (FL R 4s) and triangular shaped red dayboards with a nominal range of three (3) nautical miles.

Chart 18584

Waterway  
OREGON – SIUSLAW RIVER

Closing  
30 July 2004

Docket No.

Ref. LNM  
LNM: 25/04

Navigation Aids: To better mark the waterway.

Change Siuslaw River Channel Daybeacon 14 (LLNR 9520) to Siuslaw River Channel Light 14 (LLNR 9520), showing a flashing red light every six seconds (FL R 6s) and triangular shaped red dayboards with a nominal range of four (4) nautical miles.

Chart 18583

Waterway  
OREGON – COOS BAY

Closing  
30 July 2004

Docket No.

Ref. LNM  
LNM: 26/04

Navigation Aids: To accommodate solarization of the range.

Change Coos Bay Entrance Range Front and Rear Lights (LLNR 8740/8745) to nighttime operation. Additionally, to improve range performance, change visible 4 degrees each side of range line to visible 1.5 degrees each side of range line.

Chart 18587

Waterway  
OREGON – COOS BAY

Closing  
30 July 2004

Docket No.

Ref. LNM  
LNM: 26/04

Navigation Aids: To improve range performance.

Change Coos Bay Inside Range "A" Front Light (LLNR 8785) from visible all around with higher intensity on rangeline to visible 10 degrees each side of rangeline.

Change Coos Bay Inside Range "A" Rear Light (LLNR 8790) from visible 15 degrees each side of rangeline to visible 14 degrees each side of rangeline.

Chart 18587

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## SECTION VII - GENERAL

This section contains information of general concern to the Mariners. Mariners are advised to use caution while transiting these areas.

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### OREGON - Bridge Information

#### Siuslaw River

The U.S.101 Bridge at Florence need not open for the passage of vessels from 0001 local 07 Sep to 2359 local 29 Oct 04. The temporary closure is authorized for a resurfacing project on the double-leaf bascule.

Chart 18583

LNM: 20/04

### OREGON - Bridge Information

#### Siuslaw River

The U.S.101 Bridge at Florence need not open for the passage of vessels from 0001 local 18 Oct to 2359 local 30 Nov 04. The temporary closure is authorized for a resurfacing project on the double-leaf bascule.

Chart 18583

LNM: 26/04

### OREGON - Bridge Information

#### Coquille River

The Bullard Ferry Bridge at Coquille River mile 3.5 has been disabled and cannot open for vessel traffic until repairs are made.

Chart 18588

LNM: 12/04

### OREGON - Bridge Information (Revisions of LNM 04/04)

#### Willamette River

The Broadway Bridge at mile 11.7 will require 24 hour notification for openings from 27 Feb to 15 Nov 04 due to operations related to painting.

Chart 18526

LNM: 09/04

## **OREGON - Bridge Information**

### **Willamette River**

During the following periods the Broadway Bridge at mile 11.7 need not be opened for vessels from 0600 local on the start date to 0600 local on the end date: 27-30, 31 Jul to 04 Aug, 05-08, 09-12, 13-16, 17-20, 21-24, 25-28, 29 Aug to 01 Sep, 02-05 Sep 04. From 07 Jul through 04 Sep 04, 24 hour notice must be provided for openings. These deviations from normal operations accommodate the ongoing paint and repair project on the bridge.

Chart 18526

LNM: 23/04

## **OREGON - Bridge Information**

### **Willamette River**

The Burnside Bridge at mile 12.4 need not open for the passage of vessels from 0700 to 1100 local on 19 Sep 04, to accommodate public events.

Chart 18526

LNM: 14/04

## **OREGON - Bridge Information**

### **Willamette River**

The Morrison Bridge at mile 12.8 and the Hawthorne Bridge at mile 13.1 need not open for the passage of vessels from 0500 to 1300 local on 08 Aug 04, to accommodate the Providence Pedal public event.

Chart 18526

LNM: 28/04

## **OREGON - Bridge Information**

### **Coos Bay**

The Coos Bay Railroad Bridge, at mile 9.0, swing span has a mechanical failure and can only be opened by tug. Mariners should provide as much notice as possible for openings until a broken drive shaft is repaired. The bridge operator monitors VHF-FM Channel 18A when bridge is in operation. The bridge operator can also be reached at (541) 912-8691.

Chart 18587

LNM: 34/03

## **COLUMBIA RIVER - Bridge Information**

### **Vancouver**

The dual liftspans of the Interstate 5 dual vertical lift bridges at river mile 106.5 will be effected throughout the summer of 2004 by a major mechanical-electrical rehabilitation project. From 0630 15 Jul to 2100 local on 06 Aug 04 the draws will not open. Scheduled openings will occur, if requested, at 2100 local on 06 and 20 Aug, 03 and 17 Sep and 01 Oct 04. The draws will not return to normal operations until 2100 local on 15 Oct 04.

Charts 18524, 18526

LNM: 12/04

## **COLUMBIA RIVER - Bridge Information**

### **Hood River**

The Hood River White Salmon Bridge at mile 169.8 is stuck in the closed position.

Charts 18532

LNM: 21/04

## **WASHINGTON - Bridge Information**

### **Duwamish West Waterway**

The Spokane Street Dual Swingspan at mile 0.3 – Vessel operators who need draw openings are requested to pass through a west span opening whenever safe passage through this half-opening is possible. The Coast Guard recognizes this limited operation for consenting vessels only. Cracking has been discovered in the vertical lift cylinder of the east span. The manufacture and replacement of this unique part will take months. Minimizing the load bearing of the cylinder may prevent a failure of the east span similar to the one that occurred in 2001 at the west span. Operators will continue to open both sides of the bridge to any vessel that requests a full opening.

Chart 18450

LNM: 11/02

## **WASHINGTON - Bridge Information**

### **Tacoma Narrows Bridge – (Revision of LNM 31/03)**

Construction – Derrick barges will be deployed at various locations around the pier locations for the new parallel bridge near the piers of the existing Tacoma Narrows Bridge. Buoys have been deployed to mark anchor cables for retrieval this summer when caissons are floated into position for the new footing excavation. These buoys are in the process of being lighted and repainted for improved visibility. Lights may be extinguished by submersion in strong currents. A free channel 1600 feet wide currently exists. Mariners should exercise caution while passing construction activity. Further updates will be included in this publication.

Charts 18448, 18474

LNM: 32/03

## **WASHINGTON - Bridge Information**

### **Tacoma Narrows Bridge – (Revision of LNM 32/03)**

The Coast Guard has issued a safety zone regulation until 06 Aug 04, for all waters of the Tacoma Narrows, Puget Sound, and adjoining waters of Washington state, within a 250 yard radius around each of the following coordinates: 47-15-54N 122-32-50W and 47-16-15N 122-33-16W. No vessel will be allowed to transit this area without the permission of the Coast Guard. The Coast Guard may be reached on VHF-FM Channel 16.

Charts 18448, 18474

LNM: 06/04

## **WASHINGTON - Bridge Information**

### **Everett**

State Route 529 Swingspan Bridge across Steamboat Slough at Everett is inoperable due to mechanical failure until further notice.

Chart 18443

LNM: 36/03



### Bridge Lighting Discrepancies:

Lights on the following bridges have been reported extinguished.

| Waterway and Mile             | Bridge Name                           | Location         | Status | Date reported | BNM     | LN    |
|-------------------------------|---------------------------------------|------------------|--------|---------------|---------|-------|
| Siuslaw River Mile 8.0        | CO and PRR Bridge                     | Acme OR          | EXT    | 04 Jun 04     | 0626-04 | 23/04 |
| Pend Oreille River Mile 2.0   | US 95 Bridge                          | Sand Point ID    | EXT    | 17 Jul 04     | N/A     | 29/04 |
| Pend Oreille River Mile 2.7   | BNRR Bridge                           | Sand Point ID    | EXT    | 13 Jul 04     | N/A     | 29/04 |
| Pend Oreille River Mile 111.3 | Spokane International Railroad Bridge | Sand Point ID    | EXT    | 09 Jul 04     | N/A     | 28/04 |
| Hylebos Waterway Mile 1.1     | East 11th Street Bridge               | Seattle WA       | EXT    | 05 May 04     | 0489-04 | 19/04 |
| Port Townsend Canal Mile 0.2  | Port Townsend Canal Bridge            | Port Townsend WA | EXT    | 04 Jun 04     | 0623-04 | 23/04 |

### Bridge Lighting Discrepancies Corrected:

The following bridge discrepancies have been corrected since the last Local Notice to Mariners:

| Waterway and Mile | Bridge Name              | Location     | Status | Date reported | BNM     | LN    |
|-------------------|--------------------------|--------------|--------|---------------|---------|-------|
| Port Orchard      | Warren Ave Bridge        | Bremerton WA | LWP    | 05 May 04     | 0788-04 | 30/04 |
| Port Orchard      | Bremerton Manette Bridge | Bremerton WA | LWP    | 12 Jul 04     | 0789-04 | 30/04 |

### THIRTEENTH COAST GUARD DISTRICT - Request for information on the use of large-scale driftnets on the high seas

The United States Coast Guard (USCG) requests mariners be on the lookout for and report any observed driftnets or vessels engaged in driftnet fishing on the high seas (more than 200NM from shore). Sighting information may be made to any of the following Coast Guard offices:

| Offices                         | Phone                            | Fax            | Telex     | Email  |
|---------------------------------|----------------------------------|----------------|-----------|--|
| USCG Pacific Area Alameda, CA   | 1-800-246-7236<br>1-510-437-3701 | 1-510-437-3017 | 230172343 | <a href="mailto:OD11/Pacarea@d11.uscg.mil">OD11/Pacarea@d11.uscg.mil</a>         |
| USCG 14th District Honolulu, HI | 1-800-331-6176<br>1-808-541-2500 | 1-808-541-2123 |           | <a href="mailto:D14ccdutyofficer@D14.uscg.mil">D14ccdutyofficer@D14.uscg.mil</a> |
| USCG 17th District Juneau, AK   | 1-800-478-5555<br>1-907-463-2000 | 1-907-463-2023 | 49615066  | <a href="mailto:D17-cc@cgalaska.uscg.mil">D17-cc@cgalaska.uscg.mil</a>           |

Illegal high seas driftnet (HSDN) fishing has historically been conducted in the Northwest Pacific Ocean. Mariners following great circle routes between North America and Asia are most likely to encounter this activity. Fishing activity normally takes place between 01 Apr and 31 Aug. However, illegal activity may occur in other areas and at other times of the year.

Information desired include date, time, position, description of gear/vessel, and observed activity. Video or photographs are highly desired.

#### HSDN Fishing Vessel Characteristics:

HSDN fishing vessels typically range from 120 to 200 feet in length and are usually in fair to poor condition. Distinguishing characteristics include:

Net tube: A large, usually white tube, which extends from the working deck to the net bin located aft. This tube is about two feet in diameter, runs along the port or starboard side of the superstructure, and is clearly visible from both the surface and air.

Net bin: A structure normally located on an aft deck in which the nets are stored.

Net spreader: A triangular or roller net spreading device, which prevents the net from becoming entangled as it enters the water. While only visible from the stern, this is one characteristic, which clearly distinguishes a HSDN fishing vessel from a longline or other fishing vessel.

Transponders: The radio transponders are approximately 4-6 ft tall, are used to mark the end of a net and are normally stored in racks on the weather decks.

When the net is in the water, it is normally suspended using cylindrical floats spaced every few feet, similar to swimming pool lane markers, with the ends of the nets marked with radio transponders. Other types of floats may be used, including larger spherical floats about 2-3 ft in diameter. The driftnets may vary from a couple hundred yards to several nautical miles in length.

Chart N/A

LN: 09/04

### THIRTEENTH COAST GUARD DISTRICT - Reporting suspicious activity

The Department of Homeland Security (DHS) encourages the maritime public to report information concerning suspicious activity to the National Response Center (NRC) at (800) 424-8802. The U.S. Coast Guard reminds the maritime industry that they may also report information concerning activity to their Local Federal Bureau of Investigation (FBI) Joint Terrorism Task Force (JTTF) Office, <http://www.fbi.gov/contact/fo/fo.htm>, or to other appropriate authorities. Individuals can contact the DHS Watch and Warning Unit at (202) 323-3205, toll free at (888) 585-9078, or by e-mail to [nipc.watch@fbi.gov](mailto:nipc.watch@fbi.gov).

Chart N/A

LN: 15/03

### COLUMBIA RIVER - APPROACHES TO ASTORIA - Scientific Buoy

The Oregon Health and Science University has temporarily deployed a Lighted Research Buoy (yellow can) at approximate position 46-10-30.0N 124-07-06.0W showing a Flashing Yellow 4 seconds (FL Y 4s) light. The buoy is expected to remain in place until 31 Oct 04. For additional information, contact Oregon Health and Science University at (503) 748-4059.

Chart 18521

LN: 23/04

### COLUMBIA RIVER - APPROACHES TO ASTORIA - Scientific Buoys (Revision to LN 18/04)

Oregon State University has deployed 13 scientific buoys from bank to bank near Jim Crow Point at river mile 29 on the Columbia River. Each buoy is a system of four 7in by 15in Styrofoam floats with attached contact information. For additional information, contact Oregon State University at (541) 737-2592.

Charts 18521, 18523

LN: 26/04

## COLUMBIA RIVER - ASTORIA - Construction Projects (Revision of LNM 45/02)

Marine construction activities are scheduled near Astoria on the Oregon side of the Columbia River at the Port of Astoria's Pier III near river mile 11. This is a long-term project that is expected to last until 2005. Mariners should use caution near the 1100-foot pier, as piles may not be visible at high tide. For questions concerning the long-term Pier III project contact the Port of Astoria at (503) 325- 4521.

Chart 18521

LNM: 35/03

## COLUMBIA RIVER - THE DALLES - Telemetry Barges

USGS Columbia River Research Lab deployed 20 6ft by 8ft pontoon barges, each showing flashing yellow 4 seconds (FI Y 4s) lights, located on the Oregon side, outside the shipping channel between the Dalles Dam and mile 193 on the Columbia River. An additional 28 pontoon barges were deployed in the Boat Restriction Zone (BRZ) above the Dalles Dam, each showing flashing yellow 4 seconds (FI Y 4s) lights. All the barges are to be removed prior to 31 Aug 04. For additional information, contact Columbia River Research Laboratory at (509) 538-2299 Ext 267.

Chart 18533

LNM: 15/04

## COLUMBIA AND SNAKE RIVERS - 2004 Summer Seasonal Lockage Schedule for Recreational Craft

The U.S. Army Corps of Engineers, Walla Walla and Portland Districts, have implemented the 2004 summer seasonal lockage schedule effective from 15 May to 15 September 04 for the passage of recreational craft through the following navigation locks:

| Walla Walla District Locks |                         |       | Portland District Locks |                         |       |
|----------------------------|-------------------------|-------|-------------------------|-------------------------|-------|
| Navigation Lock            | Location                | Chart | Navigation Lock         | Location                | Chart |
| McNary Dam                 | Columbia River Mile 292 | 18539 | Bonneville Dam          | Columbia River Mile 145 | 18531 |
| Ice Harbor Dam             | Snake River Mile 9.7    | 18545 | The Dalles Dam          | Columbia River Mile 191 | 18533 |
| Lower Monumental Dam       | Snake River Mile 41.6   | 18545 | John Day Dam            | Columbia River Mile 216 | 18535 |
| Little Goose Dam           | Snake River Mile 70.3   | 18546 |                         |                         |       |
| Lower Granite Dam          | Snake River Mile 107.3  | 18548 |                         |                         |       |

When a recreational vessel lockage schedule is in effect, recreational vessels will only be allowed to lock through at the times designated for such lockages and they will take precedence over commercial vessels. Commercial vessels will continue to be locked through upon arrival except during the times specified for recreational vessel lockages. At the discretion of the lock operator, recreational vessels may be allowed to lock through with commercial craft. All vessel owner/operators lock through at their own risk. Follow the directions of the lock operator when using the locks or operating in the vicinity of the locks. The lock operator has the final authority on the suitability of a craft for lockage. Refer to the U.S. Army Corps of Engineers Safe Lockage Policy for Recreational Craft on the Columbia and Snake Rivers for additional safety requirements. For additional information on this matter or copies of the Safe Lockage policy, visit the following website: <http://www.nwp.usace.army.mil/op/s/nl> or contact the Walla Walla District at (509) 527-7115/(509) 527-7113 or the Portland District at (503) 808-4332/(503) 808-4333.

The three Portland District Locks and the five Walla Walla District Locks will use the same lockage schedule making the lockage times for the entire Columbia/Snake River system identical for recreational vessels. The following seasonal recreational craft lockage schedule will be implemented beginning 15 May 2004:

| Traffic Direction   | Times     |            |           |           |           |
|---------------------|-----------|------------|-----------|-----------|-----------|
| Upstream Lockages   | 9:00 a.m. | 12:01 p.m. | 3:00 p.m. | 6:00 p.m. | 9:00 p.m. |
| Downstream Lockages | 9:30 a.m. | 12:30 p.m. | 3:30 p.m. | 6:30 p.m. | 9:30 p.m. |

Consideration will be given for special lockages to flotillas or other unique events sponsored by yacht clubs, marinas, and other groups, provided advance (24 hours) arrangements have been made with the appropriate operations manager or their appointed representative. The following project office and operations managers should be contacted for scheduling of special lockages:

| Project               | Operations Managers    | Phone Number        | Alternate Number    |
|-----------------------|------------------------|---------------------|---------------------|
| Bonneville            | Chief Operator on Duty | (541) 374-8323      | N/A                 |
| The Dalles            | Chief Operator on Duty | (541) 298-4007      | N/A                 |
| John Day              | Chief Operator on Duty | (541) 298-9712      | N/A                 |
| McNary                | Randell Ryan           | (541) 922-2251      | (541) 922-3214      |
| Ice Harbor            | Scott Sutliff          | (509) 543-3251      | (509) 547-7783      |
| Lower Monumental      | Matt Allen             | (509) 282-7353      | (509) 282-3218      |
| Little Goose Project  | Scott Ross             | (509) 399-2233 x253 | (509) 399-2233 x231 |
| Lower Granite Project | Martin Mendiola        | (509) 843-1493 x258 | (509) 843-1493 x231 |

Chart N/A

LNM: 19/04

## OREGON - PORTLAND - Regional Examination Center

Effective 06 Jul 04 the Regional Examination Center, Portland OR will conduct business by appointment only due to new security procedures and workload. Appointments can be made and confirmed by calling (503) 240-9346. For additional information, contact Regional Examination Center, Portland OR at (503) 240-9346.

Chart N/A

LNM: 24/04

## OREGON / WASHINGTON - COASTAL REGION - Tsunami Reporting System

As part of the Pacific Tsunami Reporting System the following surface buoys have been deployed by NOAA. Each buoy is a 2.5-meter disk, red and white in color, with the word "TSUNAMI" on it. Each buoy has a "FL Y 4s" light.

|              |                       |
|--------------|-----------------------|
| Buoy 46404   | 45-51-32N, 128-46-40W |
| Buoy 46405   | 42-54-10N, 130-54-32W |
| Buoy D - 127 | 45-31-26N, 127-35-38W |

Chart 501

LNM: 29/03

## OREGON / WASHINGTON - COASTAL REGION - NOAA

NOAA buoys 46404 and 46405 have been temporarily discontinued.  
Chart 501

LNM: 14/04

## WASHINGTON - OFFSHORE - Research Buoys

The Olympic Coast National Marine Sanctuary will be deploying research buoys in the waters of the sanctuary from 17 May to 08 Oct 04. These buoys will be anchored in depths between 15 and 42 meters. Each buoy will consist of unlit, 16ft halibut longline, and aluminum poles with floats and red flags, each topped with a radar reflector. The locations of the buoys are:

| Buoy | Latitude    | Longitude    | Planned depth |
|------|-------------|--------------|---------------|
| MB-1 | 48-19-30.0N | 124-40-54.0W | 15m           |
| MB-2 | 48-19-18.0N | 124-44-18.0W | 42m           |
| CA-1 | 48-09-54.0N | 124-45-24.0W | 15m           |
| CA-2 | 48-09-54.0N | 124-48-12.0W | 42m           |
| TH-1 | 47-52-30.0N | 124-37-06.0W | 15m           |
| TH-2 | 47-50-42.0N | 124-37-42.0W | 31m           |
| KL-1 | 47-35-54.0N | 124-25-36.0W | 15m           |
| KL-2 | 47-35-36.0N | 124-29-36.0W | 27m           |
| CE-1 | 47-21-19.0N | 124-28-06.0W | 42m           |

For additional information, contact Olympic Coast National Marine Sanctuary at (360) 457-6622.  
Chart 18480

LNM: 19/04

## WASHINGTON - ROSSARIO STRAIT - Research Buoys

NOAA has established three temporary yellow lighted research buoys showing the characteristic Flashing Yellow 6 seconds (Fl Y 6s) for a period of 8 to 10 weeks on approximately 20 Jul 04.

|        |                          |
|--------|--------------------------|
| Buoy 1 | 48-28-32.7N 122-42-40.2W |
| Buoy 2 | 48-28-35.9N 122-52-53.2W |
| Buoy 3 | 48-28-30.6N 122-42-51.9W |

Chart 18421

LNM: 18/04

## WASHINGTON - ELLIOTT BAY - Terminal 46 Construction (Revision to LNM 50/03)

The American Construction Company has commenced construction that includes pile driving at terminal 46 for the Port of Seattle. Pile driving work will be from 0700 to 1700 local Monday through Saturday 12 Dec 03 to the end of Aug 04. The crane DB Palouse will be moored on anchors, and crown buoys will be used to mark the anchor locations. DB Palouse will monitor VHF-FM Channel 16. All vessels are requested to minimize wake in the vicinity of construction. For additional information contact the American Construction Co at (206) 264-0701.

Chart 18449

LNM: 26/04

## WASHINGTON - STRAIT OF JUAN DE FUCA - PUGET SOUND - Security Zone of Passenger Vessels (Revision to LNM 06/03)

The Coast Guard is establishing a temporary moving security zone of 500 yards surrounding passenger vessels while within the waters of Puget Sound and adjacent waters. A passenger vessel is defined as any vessel over 100 feet in length (33 meters) carrying passengers for hire such as auto ferries, cruise ships, passenger ferries, and excursion vessels. All vessels within 500 yards of a passenger vessel shall operate at the minimum speed necessary to maintain a safe course and shall proceed as directed by the Official Patrol or passenger vessel master. The Official Patrol will consist of a Coast Guard patrol, Federal Law Enforcement officer or a General Authority Washington Peace Officer, Limited Authority Washington Peace Officer, Specially Commissioned Washington Peace Officer, or the passenger vessel master. This order is issued under the authority of the Ports and Waterways Safety Act, Title 33, U. S. Code 1221 et. Seq., and the regulations issued thereunder, Title 33, Code of Federal Regulations Part 165.

Physical Boundaries: The following area is a security zone: All waters of Puget Sound, Washington State east of 123-30-00W [Datum: NAD 1983] within a 500 yard radius centered on passenger vessels while they are underway, anchored or moored.

Special Rules: All vessels within 500 yards of a passenger vessel shall operate at the minimum speed necessary to maintain a safe course, and shall proceed as directed by the Official Patrol or the passenger vessel master. No vessels will be allowed to transit this area without the permission of the Coast Guard, the Official Patrol or the passenger vessel master. Penalties for violating the zone: The Ports and Waterways Safety Act prescribes that whoever violates an order issued under the act is liable to a civil penalty of not more than \$27,500 for each violation. Each day of continuing violation shall constitute a separate violation. If such a violation is willful, you are subject to a criminal penalty of not more than \$250,000 and/or six years imprisonment. This criminal penalty is classified as a class "D" felony under federal law. Contact the Coast Guard Marine Safety Office, Puget Sound at (206) 217-6215 or VHF-FM Channel 16 for more information.

Chart N/A

LNM: 32/03

## WASHINGTON - PUGET SOUND - SEATTLE TO BREMERTON - Ongoing Construction of Pier 36

During ongoing construction at Pier 36 that is expected to be completed September 2005, barges will be moored on the western face of Pier 36 sporadically. Barges will be marked with white flashing lights on the west corners and extend off the face no more than 110 ft. Mariners are requested to exercise caution in the vicinity of Pier 36.

Chart 18449

LNM: 33/03

## WASHINGTON - HOOD CANAL - Submerged Buoys

Naval Undersea Warfare Center Division, Keyport installed two submerged buoys 20ft from the bottom at approximate position 47-40-49N 122-49-07W and 47-40-09N 122-49-07W. The buoys will remain moored until 31 Jul 04. Mariners are requested to use caution in the vicinity to prevent fouling of fishing gear. For additional information, contact Naval Undersea Warfare Center at (360) 396-1359.

Chart 18458

LNM: 22/04

#### WASHINGTON - HOOD CANAL - Surface / Subsurface Operations

Naval Undersea Warfare Center Division, Keyport is operating an Undersea Unmanned Vehicle (UUV) in the vicinity of Oak Head at approximate position 47-40-01N 122-49-01W during day light hours until 15 Sep 04. The U.S. Navy Barge YC-1631, a small navy boat and a Dabob Range Guard Boat will be on scene. Mariners are requested to use caution in the vicinity, and may contact Navy Barge YC -1631 on VHF-FM Channel 16 or 18. For additional information, contact Navy Barge YC-1631 at (360) 265-2243.

Chart 18458

LNM: 25/04

#### WASHINGTON - PUGET SOUND - Acoustic Buoys

Evans-Hamilton, Inc has deployed two acoustic doppler current meters (ADCPs) in approximate positions 47-45-44.1N 122-23-56.4W and 47-46-43.4N 122-24-40.2W. The instruments are in aluminum cages resting on the sea floor with no surface expression and will remain in place until early Sep 04. For additional information, contact Evans-Hamilton, Inc at (206) 526-5622.

Chart 18441

LNM: 25/04

#### WASHINGTON - LAKE WASHINGTON - Lock Closure

The Hiram M. Chittenden Large Lock will be closed to all traffic, with the small lock remaining open to all vessels within size restrictions from 0001 20 Nov to 1600 local 03 Dec 04 for annual maintenance. For additional information, contact the Army Corps of Engineers at (206) 783-7000.

Chart 18447

LNM: 22/04

#### WASHINGTON - STRAIT OF JUAN DE FUCA ENTRANCE - Exposed Submarine Cable (Revision of LNM 42/01)

25 segments of exposed or partially exposed cable have been identified in the Olympic Coast National Marine Sanctuary (OCNMS). The exposed cable locations are in the vicinity of Cape Flattery to 25 NM offshore. The exposed cables pose the greatest hazard to trawling and fishing vessels. Vessels that suspect their gear is snagged on the exposed cable should call Global Crossing at (800) 409-4471. The positions and lengths of exposed cable (see LNM 45/01 for detailed information available online at <http://www.navcen.uscg.gov/lnm/d13>) are only those identified within the OCNMS. It is likely that there are additional locations of exposed cable outside of the OCNMS. The general area of exposed cable is located within the following coordinates:

| Lat/Long                 | Lat/Long                 |
|--------------------------|--------------------------|
| 48-26-45.0N 125-21-18.0W | 48-26-45.0N 124-38-15.0W |
| 48-21-18.0N 125-21-18.0W | 48-21-18.0N 124-38-15.0W |

Chart 18480

LNM: 43/01

#### WASHINGTON - PUGET SOUND - DUWAMISH WATERWAY - Submerged Barge (Revision of LNM 05/03)

Six barges rather than the one barge previously reported in December 2002, have sunk in the Duwamish Waterway approximately 150 yards south of the 1<sup>st</sup> Avenue Bridge and are protruding into the west side of the channel. The owner of the partially submerged barge has marked the corner in the channel with a red float and a quick flashing red light. Attempts to salvage the barge have been unsuccessful. An announcement will appear in this publication as changes occur. Contact the Army Corps of Engineers at (206) 764-3429 for more information.

Chart 18450

LNM: 16/03

#### WASHINGTON - PUGET SOUND - Marine Events

| EVENT DATE | EVENT NAME                      | EVENT LOCATION     | SPONSOR                      |
|------------|---------------------------------|--------------------|------------------------------|
| 07/27/2004 | Summer Evening Tues Eve         | Lake Washington    | Corinthian Yacht Club        |
| 07/28/2004 | Heat Way Series 2               | Bellingham Bay     | Bellingham Bay               |
| 07/28/2004 | Summer Evening- PHRF            | Meadow Pt          | Corinthian Yacht Club        |
| 07/28/2004 | Summer Evening Wed Eve          | Lake Washington    | Corinthian Yacht Club        |
| 07/28/2004 | Wind Seekers Summer Eve C       | Commencement Sound | Wind Seekers Yacht Club      |
| 07/29/2004 | Downtown Sailing Series         | Elliott Bay        | Elliott Bay Marina           |
| 07/29/2004 | Summer Evening-One Design       | Meadow Pt          | Corinthian Yacht Club        |
| 07/30/2004 | Anthony's SYC Kirkland Fri      | Lake Washington    | Seattle Yacht Club           |
| 07/30/2004 | Friday Night Log Dodge          | Possession Sound   | Milltown Sailing Association |
| 07/30/2004 | Race for Dinner                 | Shilshole Bay      | Charlie's at Shilshole       |
| 07/31/2004 | Moonlight Race                  | Lake Washington    | Corinthian Yacht Club        |
| 08/01/2004 | Brownsville Friday Night Series | Port Orchard       | West Sound Corinthian YC     |
| 08/02/2004 | Sloop Tavern Ballard Cup        | Shilshole Marina   | Sloop Tavern Yacht Club      |
| 08/02/2004 | Ballard Cup Series 3            | Shilshole Bay      | Shilshole Bay Yacht Club     |
| 08/03/2004 | Summer Evening Tues Eve         | Lake Washington    | Corinthian Yacht Club        |
| 08/03/2005 | Keelboat Races                  | South Puget Sound  | South Sound Sailing Society  |
| 08/04/2004 | Fall Evening-PHRF               | Meadow Pt          | Corinthian Yacht Club        |
| 08/04/2004 | Wind Seekers Summer Eve C       | Commencement Sound | Wind Seekers Yacht Club      |
| 08/04/2004 | Heat Way Series 3               | Bellingham Bay     | Bellingham Bay               |
| 08/04/2004 | Summer Evening Wed Eve          | Lake Washington    | Corinthian Yacht Club        |
| 08/04/2004 | Wally's Tour I                  | Fidalgo Bay        | Anacortes Yacht V \Club      |
| 08/04/2005 | Dinghy Races                    | South Puget Sound  | South Sound Sailing Society  |
| 08/05/2004 | Downtown Sailing Series         | Elliott Bay        | Elliott Bay Marina           |
| 08/05/2004 | Fall Evening-One Design         | Meadow Pt          | Corinthian Yacht Club        |
| 08/06/2004 | Useless Bay Fireworks           | Useless Bay        | Barghausen Consulting        |

| EVENT DATE | EVENT NAME                      | EVENT LOCATION                       | SPONSOR                          |
|------------|---------------------------------|--------------------------------------|----------------------------------|
|            |                                 |                                      | Engineer                         |
| 08/06/2004 | Race for Dinner                 | Shilshole Bay                        | Charlie's at Shilshole           |
| 08/06/2004 | Anthony's SYC Kirkland Fri      | Lake Washington                      | Seattle Yacht Club               |
| 08/07/2004 | 9th Annual Salmon Derby         | Tacoma Narrows to Olympia            | Gig Harbor Puget Sound Anglers   |
| 08/07/2004 | Friday Night Log Dodge          | Possession Sound                     | Milltown Sailing Association     |
| 08/07/2004 | Saturday Open 2                 | Bellingham Bay                       | Bellingham Bay                   |
| 08/07/2004 | Shaw Island Classic Race        | Shaw Island                          | San Juan Island Yacht Club       |
| 08/07/2004 | 9th Annual PSA Derby            | Commencement Bay South to Fox Island | Puget Sound Anglers Gig Hb       |
| 08/08/2004 | Fall Evening-PHRF               | Meadow Pt                            | Corinthian Yacht Club            |
| 08/09/2004 | Sloop Tavern Ballard Cup        | Shilshole Marina                     | Sloop Tavern Yacht Club          |
| 08/09/2004 | Ballard Cup Series 3            | Shilshole Bay                        | Shilshole Bay Yacht Club         |
| 08/10/2004 | Fall Evening Tues Eve           | Lake Washington                      | Corinthian Yacht Club            |
| 08/10/2005 | Keelboat Races                  | South Puget Sound                    | South Sound Sailing Society      |
| 08/11/2004 | Fall Evening-PHRF               | Meadow Pt                            | Corinthian Yacht Club            |
| 08/11/2004 | Wally's Tour II                 | Fidalgo Bay                          | Anacortes Yacht V \Club          |
| 08/11/2004 | Wind Seekers Summer Eve C       | Commencement Sound                   | Wind Seekers Yacht Club          |
| 08/11/2004 | Heat Way Series 4               | Bellingham Bay                       | Bellingham Bay                   |
| 08/11/2004 | Fall Evening Wed Eve            | Lake Washington                      | Corinthian Yacht Club            |
| 08/11/2005 | Dinghy Races                    | South Puget Sound                    | South Sound Sailing Society      |
| 08/12/2004 | Downtown Sailing Series         | Elliott Bay                          | Elliott Bay Marina               |
| 08/12/2004 | Fall Evening-One Design         | Meadow Pt                            | Corinthian Yacht Club            |
| 08/13/2004 | Race for Dinner                 | Shilshole Bay                        | Charlie's at Shilshole           |
| 08/13/2004 | Anthony's SYC Kirkland Fri      | Lake Washington                      | Seattle Yacht Club               |
| 08/14/2004 | Spring to Winter Series         | Des Moines Area                      | Three Tree Point YC              |
| 08/14/2004 | Friday Night Log Dodge          | Possession Sound                     | Milltown Sailing Association     |
| 08/14/2004 | Medina Days                     | Lake Washington                      | Medina Days                      |
| 08/14/2004 | Commodore Gibson Race           | Puget Sound                          | Corinthian Yacht Club            |
| 08/14/2004 | W. O. W. Regatta                | Bellingham Bay                       | Bellingham Bay                   |
| 08/14/2005 | Dinghy Races                    | South Puget Sound                    | South Sound Sailing Society      |
| 08/15/2004 | Commodore Gibson Race           | Puget Sound                          | Corinthian Yacht Club            |
| 08/15/2004 | Brownsville Friday Night Series | Port Orchard                         | West Sound Corinthian YC         |
| 08/16/2004 | Vashon Challenge 2004           | Vashon Island                        | Corinthian YC of Tacoma          |
| 08/16/2004 | Ballard Cup Series 3            | Shilshole Bay                        | Shilshole Bay Yacht Club         |
| 08/16/2004 | Sloop Tavern Ballard Cup        | Shilshole Marina                     | Sloop Tavern Yacht Club          |
| 08/17/2004 | Fall Evening Tues Eve           | Lake Washington                      | Corinthian Yacht Club            |
| 08/17/2005 | Keelboat Races                  | South Puget Sound                    | South Sound Sailing Society      |
| 08/18/2004 | Wally's Tour III                | Fidalgo Bay                          | Anacortes Yacht V \Club          |
| 08/18/2004 | Fall Evening Wed Eve            | Lake Washington                      | Corinthian Yacht Club            |
| 08/19/2004 | Fall Evening-One Design         | Meadow Pt                            | Corinthian Yacht Club            |
| 08/19/2004 | Downtown Sailing Series         | Elliott Bay                          | Elliott Bay Marina               |
| 08/20/2004 | Anthony's SYC Kirkland Fri      | Lake Washington                      | Seattle Yacht Club               |
| 08/21/2004 | Friday Night Log Dodge          | Possession Sound                     | Milltown Sailing Association     |
| 08/21/2004 | Great Cross PS Paddling Race    | Alki beach to Blakely Rock           | Sound Rowers                     |
| 08/22/2004 | Plover Swim                     | Marine Drive Pier to Tongue Point    | Drayton Harbor Maritime          |
| 08/22/2004 | Brownsville Friday Night Series | Port Orchard                         | West Sound Corinthian YC         |
| 08/22/2005 | Keelboat Races                  | South Puget Sound                    | South Sound Sailing Society      |
| 08/23/2004 | Solo Swim                       | Point Roberts to Birch Bay           | Whatcom County / ESAR            |
| 08/23/2004 | Sloop Tavern Ballard Cup        | Shilshole Marina                     | Sloop Tavern Yacht Club          |
| 08/23/2004 | Solo Swim                       | Pt. Roberts to Birch Bay             | Whatcom Explorer Search & Rescue |
| 08/23/2004 | Ballard Cup Series 3            | Shilshole Bay                        | Shilshole Bay Yacht Club         |
| 08/24/2004 | Fall Evening Tues Eve           | Lake Washington                      | Corinthian Yacht Club            |
| 08/25/2004 | Fall Evening-PHRF               | Meadow Pt                            | Corinthian Yacht Club            |
| 08/25/2004 | Fall Evening Wed Eve            | Lake Washington                      | Corinthian Yacht Club            |
| 08/25/2004 | Wally's Tour IV                 | Fidalgo Bay                          | Anacortes Yacht V \Club          |
| 08/25/2004 | Wind Seekers Summer Eve C       | Commencement Sound                   | Wind Seekers Yacht Club          |
| 08/25/2005 | Dinghy Races                    | South Puget Sound                    | South Sound Sailing Society      |

| EVENT DATE | EVENT NAME                      | EVENT LOCATION                | SPONSOR                     |
|------------|---------------------------------|-------------------------------|-----------------------------|
| 08/26/2004 | Fall Evening-One Design         | Meadow Pt                     | Corinthian Yacht Club       |
| 08/26/2004 | Downtown Sailing Series         | Elliott Bay                   | Elliott Bay Marina          |
| 08/27/2004 | Anthony's SYC Kirkland Fri      | Lake Washington               | Seattle Yacht Club          |
| 08/28/2004 | San Juan Challenge              | Cypress/Guemes Island         | Anacortes Police Department |
| 08/28/2004 | San Juan Challenge              | Cypress/Guemes Island         | Anacortes Police Department |
| 08/28/2004 | Wind Seekers Fall #1            | Commencement Sound            | Wind Seekers Yacht Club     |
| 08/28/2004 | Trans Puget                     | Puget Sound                   | Shilshole Bay Yacht Club    |
| 08/28/2004 | Northwest Junior Olympics       | Vicinity Shilshole Bay Marina | Seattle Yacht Club          |
| 08/28/2004 | City of Kenmore                 | Lake Washington               | City of Kenmore             |
| 08/28/2005 | Keelboat Races                  | South Puget Sound             | South Sound Sailing Society |
| 08/29/2004 | Northwest Junior Olympics       | Vicinity Shilshole Bay Marina | Seattle Yacht Club          |
| 08/29/2004 | Brownsville Friday Night Series | Port Orchard                  | West Sound Corinthian YC    |
| 08/31/2004 | Fall Evening Tues Eve           | Lake Washington               | Corinthian Yacht Club       |

#### OREGON - PORTLAND - Marine Events

| EVENT DATE    | EVENT NAME                 | EVENT LOCATION                                 | SPONSOR                     |
|---------------|----------------------------|--|-----------------------------|
| 08/01/2004    | Portland Challenge         | Willamette River, Hawthorne Bridge             | Good Luck Enterprises       |
| 08/07-08/2004 | Portland Dragon Boat Races | Willamette River, Sellwood Bridge to Oaks Park | Dragon Sports USA, Inc      |
| 08/14/2004    | Astoria Regatta            | Offshore of Astoria, OR                        | Astoria Regatta Association |
| 08/14-15/2004 | North West Sessions        | Wye Park, Richland, WA                         | North West Sessions         |

### SECTION VIII – LIGHT LIST CORRECTIONS

An Asterisk \*, indicates the column in which a correction has been made to new information

| (1)<br>No. | (2)<br>Name and Location  | (3)<br>Position                | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure      | (8)<br>Remarks  |
|------------|---|--------------------------------|-----------------------|---------------|--------------|-----------------------|---|
| 9170       | <b>South Slough</b><br>- LIGHT 9<br>50 feet outside<br>channel limit. | 43 20 47 N<br>124 19 09 W<br>* | <b>FI G</b> 4s        | 16            | 4<br>*       | SG on dolphin         | 30/04   |
| 9315       | <b>Umpqua River</b><br>- LIGHT 15                                     | 43 43 26 N<br>124 09 47 W<br>* | <b>FI G</b> 4s        | 15            | 4<br>*       | SG on pile.           | 30/04   |
| 9285       | - Winchester Bay<br>Harbor Entrance<br>Daybeacon 1.                   | 43 41 01 N<br>124 11 08 W<br>* |                       |               |              | SG on pile.           | 30/04   |
| 9321       | - LIGHT 19  | 43 44 43 N<br>124 09 08 W<br>* | <b>FI G</b> 6s        | 15            | 4            | SG on pile.           | 30/04   |
| 9335       | - LIGHT 21  | 43 44 55 N<br>124 07 54 W<br>* | <b>FI G</b> 2.5s      | 16            | 4            | SG on pile structure. | Visible all around;<br>higher intensity<br>beam oriented up<br>channel. 30/04 |
| 9345       | - DIKE LIGHT 23   | 43 44 32 N<br>124 07 47 W<br>* | <b>FI G</b> 4s        | 17            | 4<br>*       | SG on pile structure. | 30/04   |
| 9350       | -DIKE LIGHT 24  | 43 44 07 N<br>124 07 52 W<br>* | <b>FI R</b> 2.5s      | 16            | 3            | TR on dolphin.        | 30/04   |
| 9360       | - LIGHT 26  | 43 43 22 N<br>124 07 36 W<br>* | <b>FI R</b> 4s        | 15            | 3            | TR on dolphin         | 30/04   |
| 9375       | Scholfield Creek<br>Channel Daybeacon<br>3                            | 43 42 36 N<br>124 06 22 W<br>* |                       |               |              | SG on pile            | 30/04   |
| 9395       | SMITH RIVER LIGHT<br>2  | 43 42 23 N<br>124 05 10 W<br>* | <b>FI R</b> 4s        | 16            | 3<br>*       | TR on skeleton tower. | 30/04   |
| 9520       | <b>Siuslaw River</b><br>- Channel Daybeacon<br>14                     | 43 59 22 N<br>124 07 16 W<br>* |                       |               |              | TR on pile.           | 30/04   |



|      |                                    |                                |                  |    |   |                        |                                       |       |
|------|------------------------------------|--------------------------------|------------------|----|---|------------------------|---------------------------------------|-------|
| 9620 | - INNER RANGE<br>FRONT LIGHT       | 44 37 44 N<br>124 02 59 W<br>* | <b>QR</b>        | 17 |   | KRB on pile structure. | Visible 4° each side<br>of rangeline. | 30/04 |
| 9680 | <b>Yaquina River</b><br>- LIGHT 17 | 44 36 23 N<br>124 00 38 W<br>* | <b>FI G</b> 4s   | 15 | 4 | SG on pile             |                                       | 30/04 |
| 9690 | - LIGHT 20                         | 44 35 26 N<br>124 01 21 W<br>* | <b>FI R</b> 4s   | 15 | 4 | TR on dolphin.         |                                       | 30/04 |
| 9715 | - Buoy 26                          | 44 34 49 N<br>124 00 11 W<br>* |                  |    |   | Red nun.               |                                       | 30/04 |
| 9730 | - Buoy 30                          | 44 34 18 N<br>123 58 45 W<br>* |                  |    |   | Red nun.               |                                       | 30/04 |
| 9735 | - Daybeacon 31                     | 44 34 22 N<br>123 58 06 W<br>* |                  |    |   | SG on pile.            | Ra ref.                               | 30/04 |
| 9742 | - Buoy 34                          | 44 34 40 N<br>123 57 54 W<br>* |                  |    |   | Red nun.               |                                       | 30/04 |
| 9750 | - LIGHT 38                         | 44 35 04 N<br>123 57 29 W<br>* | <b>FI R</b> 2.5s | 22 | 3 | TR on pile             |                                       | 30/04 |
| 9760 | - Daybeacon 43                     | 44 35 22 N<br>123 56 30 W<br>* |                  |    |   | SG on pile.            |                                       | 30/04 |
| 9770 | - Channel Buoy 45                  | 44 35 36 N<br>123 56 15 W<br>* |                  |    |   | Green can.             |                                       | 30/04 |

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### PUBLICATION CORRECTIONS

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None

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### ENCLOSURES

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Oregon - Washington - Columbia River - Dredging Operations >See Append 1<  
Oregon - Siuslaw River - Tabulation >See Append 2<

If you have any questions, comments, or need additional information concerning this or other LNM's or the LNM Mailing List (e.g. additions, deletions, corrections) contact the address or phone number on the front page.

D. R. McCRIMMON, JR.  
Commander, U.S. Coast Guard  
Chief, Aids to Navigation & Waterways Management Branch  
Thirteenth Coast Guard District  
By direction of the District Commander

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OREGON – WASHINGTON – COLUMBIA RIVER – Dredging Operations

Dredging operations are planned or in progress at the following locations :

| Start Date | End Date  | Times                    | Location  | Dredge Vessel | Assist Vessel                 | Channels Monitored   | Disposal Area                                      | LNМ   |
|------------|-----------|--------------------------|---|---------------|-------------------------------|----------------------|--|-------|
| 19 Jul 04  | 15 Feb 05 | 0500-1800<br>Mon - Fri   | <u>East Waterway</u>                                    | Mason Derrick | Olympic Tug, Rebel and Minnie | 8 and 14 VHF-FM      | Terminal 25 and Elliott Bay                        | 28/04 |
| 16 Jul 04  | Dec 04    | 24 hours<br>6 days       | <u>Blair Waterway</u>                                   | Vulcan        | Gladys M Wollochet            | 13, 14 and 66 VHF-FM | Blair Waterway Slip 5 and PSSDA                    | 28/04 |
| 16 Jul 04  | 30 Sep 04 | 24 hours<br>7 days       | <u>Hylebos Waterway</u>                                 | Patriot       |                               | 14 and 69 VHF-FM     | Blair Waterway Slip 1                              | 26/04 |
| 28 Jul 04  | 06 Aug 04 | 24 hours<br>7 days       | <u>Skamokawa Bar River Mile 35+43+00 to 35+00+00</u>    | Oregon        |                               | 13 and 16 VHF-FM     | In water, O-34.7-W                                 | 29/04 |
| 23 Jun 04  | 06 Aug 04 | 24 hours<br>7 days       | <u>Coos Bay River Mile 0-40-00 to 0+25+00</u>           | Sugar Island  |                               | 13 and 16 VHF-FM     | Disposal Site F                                    | 29/04 |
| 23 Jul 04  | 03 Aug 04 | 24 hours<br>7 days       | <u>Columbia River River Mile 0+40+00 to 2+30+00</u>     | Essayons      |                               | 13 and 16 VHF-FM     | Disposal Site E, Deep Water Site, North Jetty Site | 29/04 |
| 05 Jul 04  | 31 Jul 04 | Daylight hours<br>7 days | <u>Port Orford Boat Hoist Area</u>                      |               |                               | 8 VHF-FM             | Beach Disposal Site                                | 27/04 |
| 20 Jul 04  | 28 Jul 04 | 24 hours<br>7 days       | <u>Puget Island Bar River Mile 38+45+00 to 38+10+00</u> | Oregon        |                               | 13 and 16 VHF-FM     | Confined Upland, O-38.3-UD                         | 29/04 |

\*US Army Corps of Engineer dredges request mariners transit at their slowest safe speed to minimize wake when in the vicinity of a dredge and proceed after passing arrangements have been made.

| CHART 18583   |                      |                        |                       |                |                    |                      |                   |
|---|----------------------|------------------------|-----------------------|----------------|--------------------|----------------------|-------------------|
| SUSLAU RIVER  |                      |                        |                       |                |                    |                      |                   |
| TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAR 2004                |                      |                        |                       |                |                    |                      |                   |
| CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)                |                      |                        |                       |                | PROJECT DIMENSIONS |                      |                   |
| NAME OF CHANNEL   | LEFT OUTSIDE QUARTER | MIDDLE HALF OF CHANNEL | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET)       | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) |
| ENTRANCE TO HIGHWAY BRIDGE  | 9                    | 10                     | 11                    | 3-04           | 300-200            | 5.0                  | 18-16             |
| TURNING BASIN   | 10                   | 8                      | 7                     | 3-04           | 400                | 0.3                  | 16                |
| TURNING BASIN TO CUSHMAN  | 8                    | 9                      | 8                     | 7-99;3-04      | 150                | 2.1                  | 12                |
| NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION |                      |                        |                       |                |                    |                      |                   |